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(54) Title: **METHOD FOR SCREENING MOLECULAR INTERACTIONS**

(57) Abstract: Systems and methods are described for screening molecular interactions using a filamentous based platform for molecule presentation. Method includes screening for protein-protein, DNA-DNA and other chemical interactions.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68
US CL : 435/6

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6, 7.1, 7.2, 7.4, 7.5, 7.6, 7.7, 7.71, 7.72, 7.8, 7.9, 7.91, 7.92, 7.93, 7.94, 7.95; 436/518, 523, 535, 546

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,287,765 B1 (Cubieciotti) 11 September 2001, column 58, line 49 - column 59, line 11, and column 157, lines 10-28.	1-78
A	US 5,445,935 A (Royer) 29 August 1995, entire document.	1-78
A	US 5,364,797 A (Olson et al.) 15 November 1994, entire document.	1-78
A	US 5,001,051A (Miller et al.) 19 March 1991, entire document.	1-78
A	US 4,824,776 A (Heller) 25 April 1989, entire document.	1-78

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☐ See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed	

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